ECS Configuration Change Request

1. Originator Randy Miller	2. Log Date: 3-3-99	3. CCR #: 99-0196	4. Rev: —	5. Tel: x0400	6. Off: 2078	7. Org. Dev/CO

8. Title of Change: Deliver 4PX.26 Patch To SMC for Distribution to Mini-DAAC

9. Originator Signature	10. Date: 3/3/99	11. Class II	12. Type: CCR	13. Need Date: 3/3/99		
14. Office Manager Signature	15. Date: 3/3/99	16. Date CCB Decision Needed: 3/3/99		17. Category of Change: Update Baseline	18. Priority: Emergency	

19. Documentation/Drawings Impacted: Patch Documentation attached	20. Schedule Impact: None	21. CI(s) Affected: All

22. Release Affected: 4PX	23. Date due to Customer: 3/3/99	24. Impl. Date: 3/3/99	25. Effectivity of Change: 3/3/99	26. Est. Cost None

27. Source Reference: ☒NCR (attach)　☐Action Item　☐ GSFC CCR　☐Tech Ref.　☐Other:
See attached list

28. Description of Change: (use additional Sheets if necessary)
The CSG has created the tar files for the 4PX.26 patch. This CCR authorizes them to push the files to the SMC, and authorizes the SMC to distribute them to the Mini-DAAC.

29. Proposed Solution: (use additional sheets if necessary)
Deliver the 4PX.26 tar files to the SMC. SMC to distribute the tar files to the Mini-DAAC.

30. Alternate Solution: (use additional sheets if necessary)
None.

31. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Delays in the ship date of 4PX.26.

32. Does Change Affect Any of the following (Please Explain on additional sheet):
☐Maintenance Training　☐Performance　☐Operation Training　☐Safety　☐Service　☐Support　☐Test
☐Baseline (XRP)　☐Y2K Compliance

33. Organization(s) Affected: ☐CM　☒Clearcase SG　☐Contracts　☐Chief Eng　☐FOS　☐M&O
☐QO　☒Rel Dev　☐Procurement　☐RTSC　☐Sci. Data Eng　☐Security
☐Sys. Dev.　☐Sys. Eng.　☒Sys Verf Acpt　☐Other

34. Site(s) Affected: ☐EDF　☒Mini-DAAC　☐VATC　☐EDC　☐GSFC　☐LaRC　☐NSIDC　☒SMC　☐AK　☐JPL
☐EOC　☐Other

35. Board Comments:	36. Work Assigned To:

37. Release Authorized (For CM Use Only): ☐Yes　☐No | **38. CM Verified/Signature and Date**

39. EDF/REL2 CCB Chair (Sign/Date): 3/3/99	40. Disposition: ☒App ☐Ap/C ☐DisApproved ☐Withdraw ☐Fwd/ECS ☐Fwd/ESDIS	41. ESDIS ERB Concurrence:
42. ECS CCB Chair (Sign/Date):	43. Disposition: App☐ A/C☐ DisApproved☐ Withdraw☐	44. CCR Closed Date:

CM01 August 27, 1998

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ECS/EDF/REL2 CCB

4PX Patch "Zebra"

Purpose
The Zebra patch (4PX.26) provides fixes for 39 NCRs.

NCRs Fixed
See the attached list for the NCRs fixed in the Zebra patch.

Nature of Fix
This patch contains C++, SQL, and script code fixes.

Installation Instructions
Dependencies And Preconditions. The Zebra patch can only be installed into modes containing the 4PX.25 (Yellow) revision level of ECS.

Contents of the Patch Kit: This patch consists of three tar files (SGI, Sun, and HP tar files) and three setup scripts (SGI, Sun, and HP). The tar files are complete redeliveries of the system for these platforms; however, only the components as specified below need to be installed.

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION.

General Instructions.

1) Download and stage the files for the delivery from the SMC.

2) DO install ECS Assist from the staging directory using the setup script.

3) DO NOT perform an installation to SHARED Mode.

4) DO NOT perform a Toolkit installation.

5) DO NOT re-install any ESDTs.

Subsystem Specific Instructions.

CLIENT (CLS)

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Using EcCoAssist and the .sitemap, install the following package on the appropriate hosts:

.EcClINTFCSVR.pkg

A mkcfg needs to be performed only for the EcClDtUserProfileGateway server. To do this, select the EcCl component, then select the EcClDtUserProfileGatewayApp under Applications, then select the EcClDtUserProfileGateway. Then click on the mkcfg button. There will be a new parameter for the EcClDtUserProfileGateway, called V0DataCenterID, whose valid values for the following DAACs are:

DAAC	ParameterName	ParameterValue
EDC	V0DataCenterID	EDC-UPG
GSFC	V0DataCenterID	GSFC-UPG
LARC	V0DataCenterID	LARC-UPG
NSIDC	V0DataCenterID	NSIDC-UPG
VATC	V0DataCenterID	VATC-UPG

If the installer prefers to make this one change by hand, add the following lines to the EcClDtUserProfileGateway.CFG file after line 103 (after the SocketPort config item):

```
# Version 0 Data Center Name.  This value must match what is set up
# for the DATA_CENTER_ID in the V0 Web Client's archive.odl file that
# refers to the ECS User Registration Profile Gateway at this DAAC.
V0DataCenterID              = EDC-UPG
```

COMMUNICATIONS (CSS) and MANAGEMENT (MSS)

There are no Communications (CSS) or Management (MSS) components newly delivered, replaced, or re-configured by this patch, with the exception of changes to EcCoAssist and the .sitemap that are installed in Step 2 above by running the setup script and re-installing EcCoAssist.

DATABASE (DDM)

Note that this delivery adds a new package to the 4PX baseline, .EcDbDDM.pkg. Use EcCoAssist to install the files for the .EcDbDDM.pkg package on all hosts at the site receiving this package, according to the most recently delivered 4PX .sitemap. Do not

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run the Mkcfg or Mkcdsentry options – no changes in configuration parameters or CDS entries are required. Do not run any database patch or build scripts – no changes in the databases are required.

DATA MANAGEMENT (DMS) and INTEROPERABILITY (IOS)

Use EcCoAssist to install the files for the .EcDmINTFCSVR.pkg package on all hosts at the site receiving this package, according to the most recently delivered 4PX .sitemap. Do not run the Mkcfg or Mkcdsentry options – no changes in configuration parameters or CDS entries are required. Do not run any database patch or build scripts – no changes in the databases are required.

INGEST (INS)

Use EcCoAssist to install the files for all of the INS packages on all hosts. Do not run the Mkcfg or Mkcdsentry options – no changes in configuration parameters or CDS entries are required. Do not run any database patch or build scripts – no changes in the databases are required.

PLANNING (PLS) and DATA PROCESSING (DPS)

Use EcCoAssist to install the files for all of the PLS and DPS packages on all hosts. Do not run the Mkcfg or Mkcdsentry options – no changes in configuration parameters or CDS entries are required. Do not run any database patch or build scripts – no changes in the databases are required.

STORAGE MANAGEMENT (STMGT) and DATA DISTRIBUTION (DDIST)

Use EcCoAssist and the .sitemap to install the files for all of the STMGT and DDIST packages on all hosts.

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The ownership and permissions for the media server executables (EcDsSt8MMServer and EcDsStD3Server) must be set so that they will execute as root. From the directory containing the executable, issue the following commands from the command line:

chown root EcDsStD3Server
chmod u+s EcDsStD3Server

and similarly for EcDsSt8MMServer. These commands must be executed by root. Once these commands have been executed, the media servers may be started or killed without root privileges.

Using EcCoAssist, execute the EcDsStARCHRESCONFIGMkcfg (under the Extensions menu tab) to generate a new ARCHRESCONFIG file. Do not run any of the other Mkcfg options – no other changes in configuration parameters are required. Do not run the Mkcdsentry options – no changes in CDS entries are required.

Update the STMGT/DDIST database by executing STMGT Patch 4PY.9(4PX.26) from EcCoAssist.

SCIENCE DATA SERVER (SDSRV)

Use EcCoAssist and the .sitemap to install the files for the EcDsScienceDataServer.pkg and .EcDsHdfEosServer.pkg packages on all appropriate hosts. Install all DLLs from the staging area.

Execute the mkcfg option for EcDsScienceDataServer and EcDsHdfEosServer on all appropriate hosts.

After executing the EcDsScienceDataServer mkcfg, manually edit the Science Data Server configuration file as follows: for the parameter SDSRV_LOCAL_STAGING_DISK (new with this delivery), erase the default value and leave the value field for the parameter blank.

Do not run the Mkcdsentry options – no changes in CDS entries are required.

Update the SDSRV database by executing SDSRV patches 4.8.6 and 4.8.8 (serially, in sequence) from EcCoAssist.

V0 CLIENT

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Use EcCoAssist and the .sitemap to install the files for the .EcVcB0SOT.pkg on all appropriate hosts. Do not run the Mkcfg or Mkcdsentry options – no changes in configuration parameters or CDS entries are required. Do not run any database patch or build scripts – no changes in the databases are required.